

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:04:17 ON 20 DEC 2004

=> file medline

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'MEDLINE' ENTERED AT 16:04:28 ON 20 DEC 2004

FILE LAST UPDATED: 19 DEC 2004 (20041219/UP). FILE COVERS 1950 TO DATE.

On December 19, 2004, the 2005 MeSH terms were loaded.

OLDMEDLINE now back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2005 vocabulary. See <http://www.nlm.nih.gov/mesh/> and http://www.nlm.nih.gov/pubs/techbull/nd03/nd03_mesh.html for a description of changes.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s membrane potential dye#

593449 MEMBRANE

481219 POTENTIAL

83601 DYE#

L1 14 MEMBRANE POTENTIAL DYE#

(MEMBRANE(W) POTENTIAL(W) DYE#)

=> d 1-14 ti so

L1 ANSWER 1 OF 14 MEDLINE on STN

TI Mitochondrial swelling and generation of reactive oxygen species induced by photoirradiation are heterogeneously distributed.

SO Annals of the New York Academy of Sciences, (2004 Apr) 1011 112-22.
Journal code: 7506858. ISSN: 0077-8923.

L1 ANSWER 2 OF 14 MEDLINE on STN

TI Mitochondrial polarisation status and [Ca2+]i signalling in rat cerebellar granule neurones aged in vitro.

SO Neurobiology of aging, (2004 Mar) 25 (3) 349-59.
Journal code: 8100437. ISSN: 0197-4580.

L1 ANSWER 3 OF 14 MEDLINE on STN

TI A novel membrane potential-sensitive fluorescent dye improves cell-based assays for ion channels.

SO Journal of biomolecular screening : official journal of the Society for Biomolecular Screening, (2002 Feb) 7 (1) 79-85.
Journal code: 9612112. ISSN: 1087-0571.

L1 ANSWER 4 OF 14 MEDLINE on STN

TI Development and evaluation of high throughput functional assay methods for HERG potassium channel.

SO Journal of biomolecular screening : official journal of the Society for Biomolecular Screening, (2001 Oct) 6 (5) 325-31.
Journal code: 9612112. ISSN: 1087-0571.

L1 ANSWER 5 OF 14 MEDLINE on STN
TI Validation of FLIPR ***membrane*** ***potential*** ***dye***
for high throughput screening of potassium channel modulators.

SO Journal of biomolecular screening : official journal of the Society for Biomolecular Screening, (2001 Oct) 6 (5) 305-12.
Journal code: 9612112. ISSN: 1087-0571.

L1 ANSWER 6 OF 14 MEDLINE on STN
TI Multiparameter flow cytometry of bacteria: implications for diagnostics and therapeutics.

SO Cytometry : journal of the Society for Analytical Cytology, (2001 Mar 1) 43 (3) 223-6.
Journal code: 8102328. ISSN: 0196-4763.

L1 ANSWER 7 OF 14 MEDLINE on STN
TI Assessment of the effects of gramicidin, formaldehyde, and surfactants on Escherichia coli by flow cytometry using nucleic acid and ***membrane***
potential ***dyes***

SO Cytometry : journal of the Society for Analytical Cytology, (1997 Sep 1) 29 (1) 58-64.
Journal code: 8102328. ISSN: 0196-4763.

L1 ANSWER 8 OF 14 MEDLINE on STN
TI Two novel antioxidants, U74006F and U78517F, inhibit oxidant-stimulated calcium influx.

SO Free radical biology & medicine, (1995 Mar) 18 (3) 467-78.
Journal code: 8709159. ISSN: 0891-5849.

L1 ANSWER 9 OF 14 MEDLINE on STN
TI Membrane hyperpolarisation by valinomycin and its limitations for bacterial viability assessment using rhodamine 123 and flow cytometry.

SO FEMS microbiology letters, (1995 Oct 15) 132 (3) 259-62.
Journal code: 7705721. ISSN: 0378-1097.

L1 ANSWER 10 OF 14 MEDLINE on STN
TI The ability of ***membrane*** ***potential*** ***dyes*** and calcafluor white to distinguish between viable and non-viable bacteria.

SO Journal of applied bacteriology, (1995 Mar) 78 (3) 309-15.
Journal code: 7503050. ISSN: 0021-8847.

L1 ANSWER 11 OF 14 MEDLINE on STN
TI Endothelial cell hyperpolarization increases [Ca²⁺]_i and venular microvessel permeability.

SO Journal of applied physiology (Bethesda, Md. : 1985), (1994 Jun) 76 (6) 2288-97.
Journal code: 8502536. ISSN: 8750-7587.

L1 ANSWER 12 OF 14 MEDLINE on STN
TI Laser light-scattering system for studying cell volume regulation and membrane transport processes.

SO American journal of physiology, (1993 Aug) 265 (2 Pt 1) C562-70.
Journal code: 0370511. ISSN: 0002-9513.

RS 189. J68

L1 ANSWER 13 OF 14 MEDLINE on STN
 TI Use of DiO-C5-3 to improve Hoechst 33342 uptake, resolution of DNA content, and survival of CHO cells.
 SO Experimental cell research, (1988 Feb) 174 (2) 388-96.
 Journal code: 0373226. ISSN: 0014-4827.

L1 ANSWER 14 OF 14 MEDLINE on STN
 TI Monitoring human neutrophil granule secretion by flow cytometry: secretion and membrane potential changes assessed by light scatter and a fluorescent probe of membrane potential.
 SO Journal of leukocyte biology, (1985 Apr) 37 (4) 431-47.
 Journal code: 8405628. ISSN: 0741-5400.

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.46

1.67

STN INTERNATIONAL LOGOFF AT 16:05:51 ON 20 DEC 2004